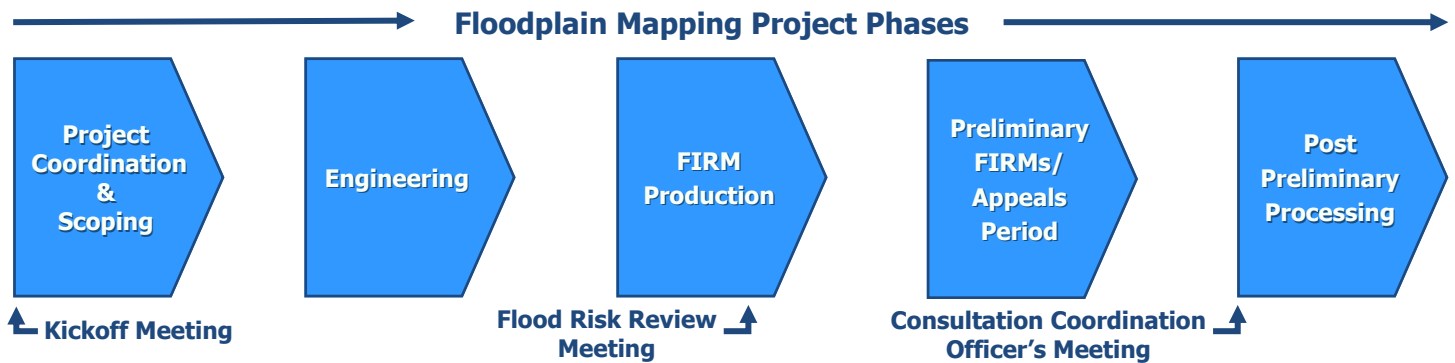


City of Wahoo Floodplain Mapping: Overview



New FEMA Flood Insurance Rate Maps (FIRMs) have been created for the City of Wahoo in Saunders County under FEMA's Risk Mapping, Assessment, and Planning Program (RiskMAP). RiskMAP is a FEMA program used to communicate the best available flood risk information. With this flood risk information, communities and governments can work together to prevent loss of life and property due to flooding. Because flooding occurs in all 50 states, it is a risk to everyone.

Why was this area remapped?

The last advanced floodplain study in this area was completed in January 1986. Since 1986, many changes to the landscape have occurred. New information was collected or readily available to update the advanced study, such as:

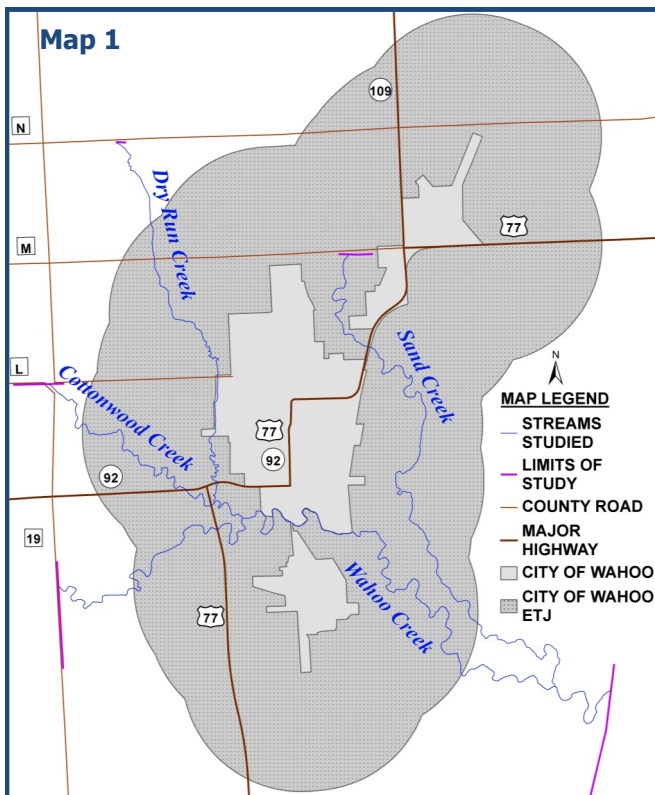
- 2010 NRCS Light Detection and Ranging (LiDAR) elevation data
- 2012 USDA-FSA Aerial Photos
- 2012-2013 NDNR Channel & Bridge Survey Data
- Lake Wanhoo and the US Highway 77 bridge bypass data
- 2012-2014 Hydrologic and Hydraulic Studies
 - NOAA Atlas 14 Precipitation Data



RISKMAP

The Goal

To work closely with communities to better understand local flood risk, mitigation efforts, and other topics and spark watershed-wide discussions about increasing resilience to flooding.



Where are the new studied areas on the new maps?

See Map 1 (left) for the stream extents of the study area. See Map 2 (back page) for an overview of the floodplain boundaries.

Who is responsible for this mapping?

FEMA contracted NDNR to remap this area. NDNR provided study data, produced the Preliminary Map Panels, and will provide support through the rest of the appeals and final mapping products production.

Study Methods:

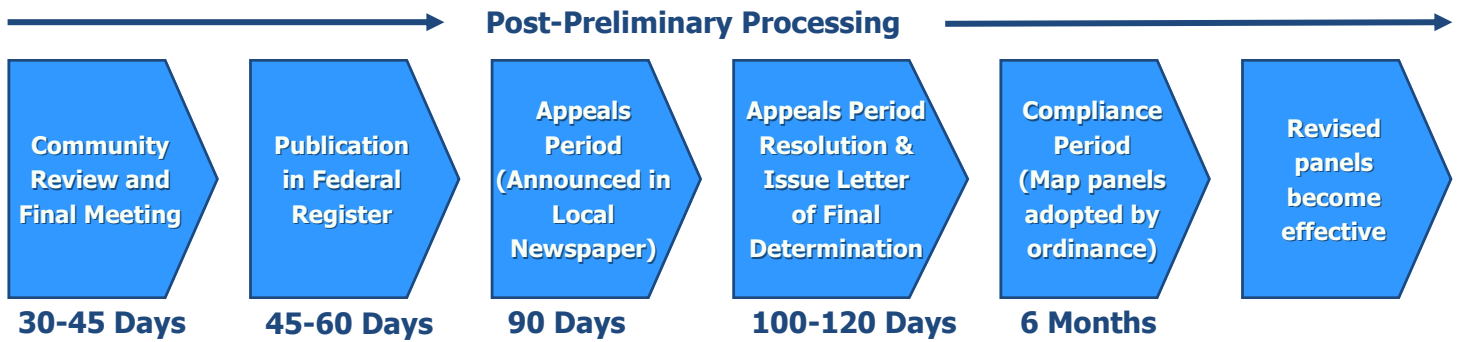
NDNR requested best available data from sources like the NOAA, the USGS, Nebraska Public Service Commission, the City of Wahoo, and many others. NDNR used HEC-HMS for hydrologic modeling and HEC-RAS for hydraulic modeling. Models were calibrated using existing gage and historical storm data. All stages of mapping include quality assurance steps completed by NDNR and FEMA.

Why did NDNR carry out the floodplain mapping for FEMA?

NDNR and FEMA have common floodplain management goals. NDNR has statutory responsibility to provide floodplain information to Nebraskans, access to the most up-to-date information to be used in studies, and resources necessary to carry out floodplain mapping.

Preliminary Maps were sent to communities on 12/19/2014

City of Wahoo Floodplain Mapping: Next Steps



What happens now that there are new Preliminary FIRMs?

Community officials have in the past and continue to provide feedback on the new maps. After the Consultation Coordination Officer's Meeting (CCO Meeting,) the 90-day appeal period will start. A notice will be published in the Federal Register listing the appeal comment period and letters will be sent to the communities with direction on the appeal process. Any appeals should be received within that time period and must be documented correctly to be reviewed by the Scientific Resolution Panel, if applicable. Once appeals are resolved, communities will be notified via a Letter of Final Determination when the floodplain maps will become effective. Communities will be granted a 6 month period to adopt the Effective Maps into their city/village ordinances. It is important that communities adopt the maps and specify the appropriate level of federal and state floodplain regulations. For an advanced study with floodways, these regulations are found in Title 44 of the Code of Federal Regulations Part 60.3(D) and Title 455 of the Nebraska Administrative Code. Both NDNR and FEMA are available to help communities with ordinance updates. Please contact NDNR if you have any appeals for this project or if you have questions about how these map changes will affect you. Additionally, you will find more floodplain information resources on NDNR's Floodplain Management Website, listed below. All materials from the CCO Meeting will be uploaded to the website, and the preliminary floodplains are displayed on the NDNR's Interactive Floodplain Map.

CONTACTS

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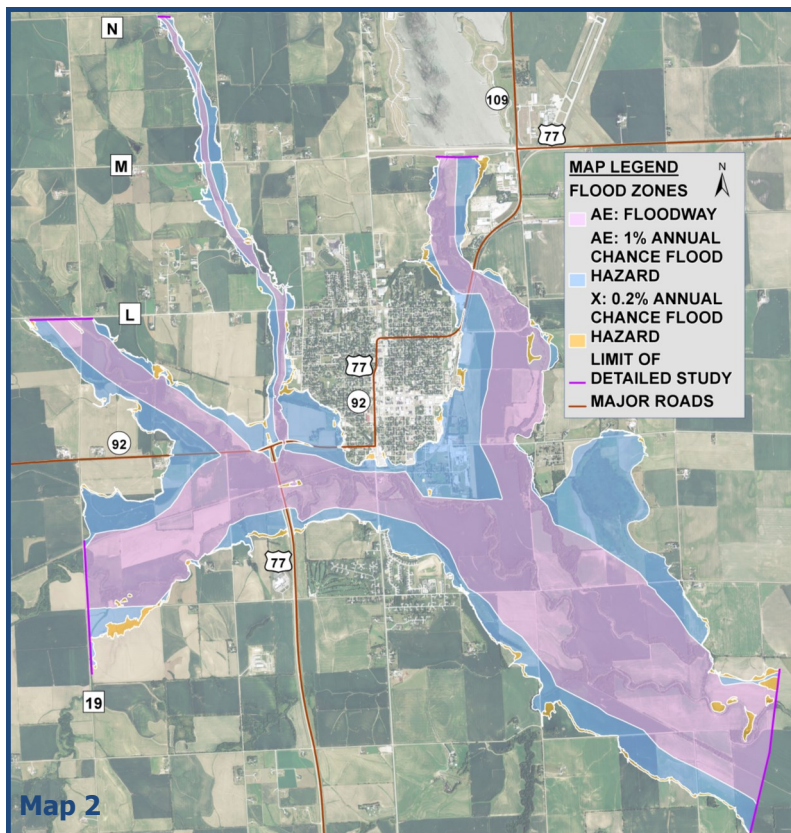
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Available Flood Information Resources:

General Floodplain and Insurance Information

- Nebraska Department of Natural Resources Webpage: <http://dnr.nebraska.gov/>
- National Flood Insurance Program's Flood Smart Webpage: <https://www.floodsmart.gov>

RiskMAP General Information

- FEMA's RiskMAP Webpage: <https://www.fema.gov/risk-mapping-assessment-and-planning-risk-map>

FEMA's Map Service Center

- <https://msc.fema.gov/>

FEMA's Information for Homeowners

- <https://www.fema.gov/information-homeowners>

The Federal Register

- <https://www.federalregister.gov>

Letter of Map Change Tutorial Information

- <https://www.fema.gov/online-tutorials/letter-map-amendment/letter-map-revision-f-tutorial-series-choose-tutorial>



FEMA



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